



○ - Transmitters/Receivers of Long -Range Areas

## Receivers of Closed and Short-Range Areas

FIG. 1

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- Transmitters of Closed and Short-Range Areas

### Logic of Signals for Intrusion Justification

Alternative sequences of detected signals in echelons			Versions of intrusion in eshelons			Versions of self-checking results	Notes
C	S	L	Ingress	Egress	Presence inside		
C → C					+	May also mean an unauthorized discloser of protected housing.	Emitted ultrasound goes outside.
C → S				+		Target moves to echelon L ? Check it.	
S → C			+			Target moves from echelon L ? Check it. Echelon L may be in the failed state.	
C → L				+		Target moves inside echelon L ? Check it. Echelon S may be in the failed state.	
L → C			+			Target moves inside echelon C ? Check it. Echelon S may be in the failed state.	
	S → S				+	Target moves in echelon S? Check it. Other echelons C and L may be in the failed state.	
	S → L			+		Target moves from echelon C ? Check it. Echelon C may be in the failed state.	
	L → S		+			Target moves to echelon C? Check it. Echelon C may be in the failed state.	
		L → L			+	Target moves inside echelon L ? Check it. An intruder may not be threat if it passes by the echelon S.	

**Note:** Arrows show the directional sequence of acquired signals.

**FIG. 2**

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